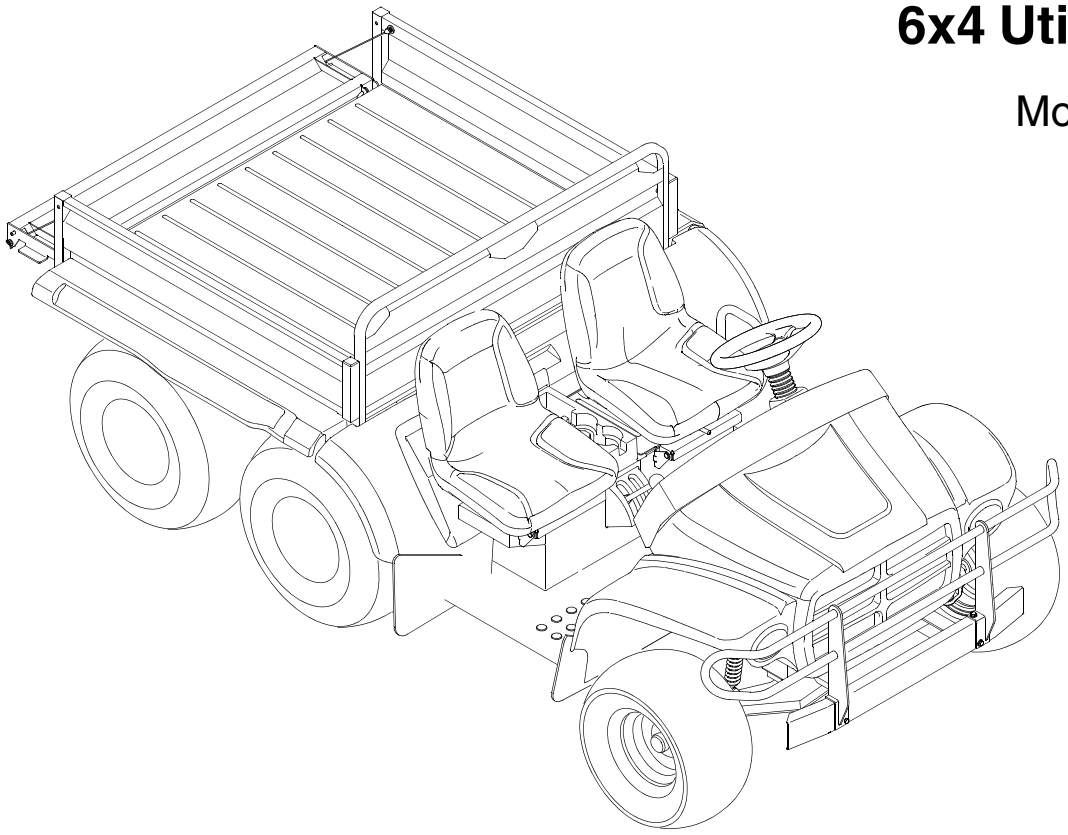
Operator's Manual

BIG COUNTRY 6x4 FIRE & RESCUE



6x4 Utility Vehicle

Model 642

IMPORTANT: READ SAFETY RULES AND INSTRUCTIONS CAREFULLY

Warning: This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator. In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester for the muffler is available through your nearest engine authorized service dealer or contact the service department, P.O. Box 368023 Cleveland, Ohio 44136-9722.

CUB CADET LLC P.O. BOX 361131 CLEVELAND, OHIO 44136-0019

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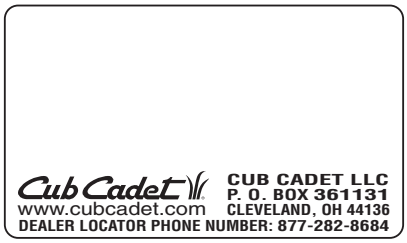
FINDING MODEL NUMBER

This Operator's Manual is an important part of your new utility vehicle. It will help you assemble, prepare and maintain the unit for best performance. Please read and understand what it says.

Before you start assembling your new equipment, please locate the model plate on the equipment and copy the information from it in the space provided below. A sample model plate is also given below. You can locate the model plate on the vehicle under the operator's seat. This information will be necessary to use the manufacturer's web site and/or help from the Customer Dealer Referral Line or an authorized service dealer.



Copy the model number here: _____

Copy the serial number here: _____

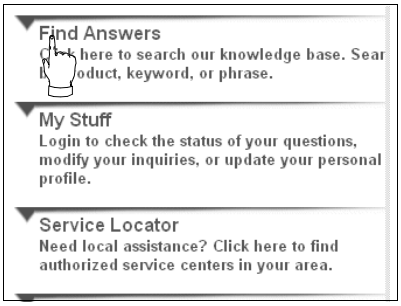
CUSTOMER SUPPORT

Please do NOT return the unit to the retailer from where it was purchased, without first contacting Customer Support.

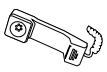
If you have difficulty assembling this product or have any questions regarding the controls, operation or maintenance of this unit, you can seek help from the experts. Choose from the options below:

Visit **cubcadet.com** for many useful suggestions. Click on Customer Support button and you will get the three options reproduced here. Click on the appropriate button and help is immediately available.

The answer you are looking for could be just a mouse click away!


Find Answers
here to search our knowledge base. Sear
oduct, keyword, or phrase.
My Stuff
Login to check the status of your questions, modify your inquiries, or update your personal profile.
Service Locator
Need local assistance? Click here to find authorized service centers in your area.

The answer you are looking for could be just a mouse click away!



To reach the Customer Dealer Referral Line, please call **1-877-282-8684**.

The **engine** manufacturer is responsible for all engine-related issues with regards to performance, power-rating, specifications, warranty and service. Please refer to the engine manufacturer's Owner's/Operator's Manual, packed separately with your unit, for more information.

SECTION 1: IMPORTANT SAFE OPERATION PRACTICES

WARNING: This symbol points out important safety instructions which, if not followed, could endanger the personal safety and/or property of yourself and others. Read and follow all instructions in this manual before attempting to operate or service this vehicle. When you see this symbol - heed its warning.

WARNING: Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

DANGER: This vehicle is designed to be operated according to the rules for safe operation in this manual. As with any type of vehicle, carelessness or error on the part of the operator can result in serious injury. Failure to observe the following safety instructions could result in serious injury or death.

General Operation

1. Read, understand, and follow all instructions on the vehicle and in the manual before attempting to operate or service. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
2. This is an off-road utility vehicle and it should not be operated on public highways. Know and comply with all laws and regulations governing the use of off-highway vehicles in your area.
3. This vehicle handles and maneuvers differently than a normal passenger car. Sharp high speed turns and abrupt maneuvers can cause vehicle to roll over or go out of control. Slow down when turning and avoid abrupt maneuvers.
4. Handling and maneuvering characteristics of vehicle change depending upon cargo load. Heavy loads affect steering, braking, stability, and overall handling of vehicle.
5. Be familiar with all instructions and controls and their proper operation before starting vehicle.
6. Never allow adults to operate this vehicle without proper instruction.
7. Never allow children under 16 years old to operate this vehicle. Children 16 years old and over should read and understand the operation instructions and safety rules in this manual and should be trained and supervised by a parent.
8. Watch for traffic when operating near or crossing roadways. This vehicle is not intended for use on any public roadway.
9. Do not operate this vehicle while under the influence of alcohol or drugs.
10. Never carry more than one passenger. This vehicle is designed to carry the driver and one passenger only. No riders are allowed in cargo box or anywhere else on vehicle.
11. Keep all body parts (i.e. head, arms, hands, legs, feet) inside vehicle when vehicle is in motion.
12. Always remain seated and keep both hands on the steering wheel when driving the vehicle.
13. Sit on the center of the seat and keep both feet within the foot platform perimeter. Clean foot platform if dirty and remove any debris from around foot controls, e.g. brake pedal.
14. Do not misuse the utility vehicle. It is an utility vehicle, not a recreation vehicle or toy. Recreational riding can lead to accidents, severe bodily injury or death.
15. Inspect area around vehicle before moving, especially in reverse. Back up slowly. Always look down and behind before and while backing to avoid a back-over accident. Keep bystanders out of area.
16. Avoid driving through water, since loss of control may occur. Drive belt may slip if exposed to water thus reducing vehicle pulling power and stopping vehicle entirely.
17. Always use vehicle lights while operating in low light situations.
18. Do not mount or leave vehicle while it is in motion or in actual operation.
19. Avoid sudden starts, stops, or turns and always use a level turn-around area.
20. Never leave vehicle unattended with the key in the ignition. Always turn key to the “Stop” position, set the parking brake and remove key.
21. Check overhead clearances carefully before driving under low hanging tree branches, wires, etc., where the operator may be struck or pulled from the unit, which could result in serious injury.
22. Improper use of the vehicle or failure to properly maintain it could result in decreased vehicle performance or personal injury.
23. Engine must be stopped when cleaning, servicing, adjusting, repairing, or installing attachments on utility vehicle.
24. After striking foreign objects, stop the unit and shut off the engine. Inspect for damage and repair the damage before restarting and operating equipment.

25. Do not start or operate vehicle in an inside area, unless it is adequately ventilated. Engine exhaust contains carbon monoxide fumes, which are very poisonous and can be deadly.
26. Do not change engine governor setting or over speed the engine. The governor is set at the factory for safe operating speed.
27. Assure safety interlock switch is adjusted correctly so engine cannot be started unless gearshift is in the neutral position.
28. Do not touch engine or muffler while engine is running or soon after it is stopped. They will be hot and can cause a burn.
29. Always inspect your vehicle each time you use it to make sure it is in safe operating condition. Always follow the inspection and maintenance procedures and schedules described in this manual.
30. If situations occur which are not covered in this manual, use care and good judgement. Contact your local service center or call toll free 1-877-282-8684 for assistance and the name of your nearest service center.

Slope Operation

Slopes are a major factor related to loss of control and rollover accidents, which can result in severe injury or death. If a slope is steeper than a 15° incline, do not operate this unit on that area. Exercise extreme caution while operating on slopes.

DO:

1. Travel straight up and down slopes, not across. Exercise extreme caution when changing direction on slopes.
2. Travel slowly while on a slope. Always keep the forward speed limited when going down slopes to take advantage of the motor braking action.
3. Keep all movement on the slopes slow and gradual. Avoid starting or stopping on a slope.
4. Avoid slopes with slippery, loose, or bumpy surfaces as they are especially hazardous.
5. Use extra care while carrying cargo. It may affect the stability of the vehicle. Spread the load evenly or tie down.

Do Not:

1. Do not travel near drop-offs, ditches or embankments. The vehicle could suddenly turn over if a wheel is over the edge of a cliff, ditch, or if an edge caves in.
2. Do not stop or start suddenly when going uphill or downhill. Be especially cautious when changing direction on slopes.
3. Do not turn sideways to the hill. The vehicle may roll over. If you must turn, go slow and do so carefully and gradually.
4. Do not carry cargo on steep slopes or tow loads.

Children

1. Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the vehicle. They do not understand the dangers. Never assume that children will remain where you last saw them. Avoid run over accidents.
    a. Keep children out of the immediate area of the vehicle and in watchful care of a responsible adult other than the operator.
    b. Be alert and turn the vehicle off if a child enters the area.
    c. Before and while backing, look behind and down for small children.
    d. Never carry children, they may fall off and be seriously injured or interfere with safe vehicle operation.
    e. Use extreme care while approaching blind corners, doorways, shrubs, trees or other objects that may block your vision of a child who may run into the path of the vehicle.
    f. Remove key when vehicle is unattended to prevent unauthorized operation.
2. Never allow children under 16 years old to operate this vehicle. Children 16 years old and over should read and understand the operation instructions and safety rules in this manual and should be trained and supervised by a parent.
3. Do not let children ride in the cargo box, in the driver's or passenger's lap or anywhere other than the passenger seat. Never give small children a ride; not even in the passenger seat. They may fall off.

Cargo Box Loading/Operation

1. Do not exceed vehicle's Total Load Capacity rating of 1,600 lb. This includes operator, passenger, accessories, and cargo.
2. Do not exceed 1,000 lb. load in cargo box.
3. Spread load evenly and secure to prevent movement.
4. Do not load above height of cargo box front panel. Load could shift forward and injure driver or passenger.
5. Avoid loads which exceed the physical dimensions of cargo box.
6. Go slow. Heavy loads will affect steering, braking, stability, and overall handling of the vehicle. Limit loads to those that can be safely controlled.
7. Avoid sudden starts, stops, and turns which could cause load to shift.

Cargo Box Lift

1. Stop vehicle on level ground and set Parking Brake before raising cargo box.
2. Do not operate vehicle with cargo box in raised position.

3. When using electric lift:

- Stay in driver's seat.
- Keep body parts away from cargo box and keep all bystanders away.
- Do not allow rear wheels to hang over the edge of a drop-off when raising cargo box. Cargo box weight may shift over center and cause vehicle to tip over backwards.

Towing

- Do not use as a tow vehicle (i.e., trailer).
- Spread load evenly. Never exceed 100 lb. tongue weight.
- Go slow and use extra care when towing. Allow for increased braking distance.
- Do not tow heavy loads on slopes over a 5° incline.

Service

Safe Handling Of Gasoline:

1. To avoid personal injury or property damage use extreme care in handling gasoline. Gasoline is extremely flammable and the vapors are explosive**.** Serious personal injury can occur when gasoline is spilled on yourself or your clothes which can ignite. Wash your skin and change clothes immediately.
    a. Use only an approved gasoline container.
    b. Never fill containers inside a vehicle or on a truck or trailer bed with a plastic liner. Always place containers on the ground away from your vehicle before filling.
    c. When practical, remove gas-powered equipment from the truck or trailer and refuel it on the ground. If this is not possible, then refuel such equipment on a trailer with a portable container, rather than from a gasoline dispenser nozzle.
    d. Keep the nozzle in contact with the rim of the fuel tank or container opening at all times until fueling is complete. Do not use a nozzle lock-open device.
    e. Extinguish all cigarettes, cigars, pipes and other sources of ignition.
    f. Never fuel machine indoors.
    g. Never remove gas cap or add fuel while the engine is hot or running. Allow engine to cool at least two minutes before refueling.
    h. Never over fill fuel tank. Fill tank to no more than ½ inch below bottom of filler neck to allow space for fuel expansion.
    i. Replace gasoline cap and tighten securely.
    j. If gasoline is spilled, wipe it off the engine and equipment. Move unit to another area. Wait 5 minutes before starting the engine.
    k. To reduce fire hazards, keep machine free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage and remove any fuel soaked debris.
    l. Never store the machine or fuel container inside where there is an open flame, spark or pilot light as on a water heater, space heater, furnace, clothes dryer or other gas appliances.

WARNING: Your Responsibility: Restrict the use of this vehicle to persons who read, understand and follow the warnings and instructions in this manual and on the unit.

WARNING

- This is an off-road utility vehicle. Do not operate on public highways. It handles and maneuvers differently than a normal passenger car. Sharp, high speed turns or abrupt maneuvers can cause vehicle to roll over or go out of control.
- Handling and maneuvering characteristics of vehicle change depending upon cargo load. Heavy loads will affect steering, braking, stability and overall handling of vehicle.
- Read and understand operator's manual before operating vehicle.

FALLING OFF OR ROLLOVER MAY CAUSE SERIOUS INJURY OR DEATH

- Only one person in each seat.
- No other riders permitted.
- Keep hands and feet inside vehicle during operation.
- Do not operate on slopes greater than 15°.
- Drive slowly when turning, on rough ground, or carrying a cargo load.
- Spread load evenly in cargo box. Do not exceed load capacity specified on cargo box label.
- Secure load to prevent movement.

WARNING

AVOID INJURY WHEN USING CARGO BOX LIFT

Read and understand operator's manual for lifting, loading and unloading instructions.

Stop vehicle on level ground and set parking brake before operating lift.

When using lift stay in seat and keep hands away from cargo box.

CARGO BOX LOAD CAPACITY: MAX 1,000 Lb.

Spread load evenly. Secure load to prevent movement.

Go slow. Avoid sudden starts and stops which could cause load to shift.

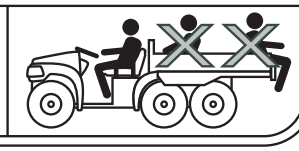
Do not load above height of this panel. Load could shift forward injuring driver or passenger.

No riders in cargo box or anywhere other than seats.

WARNING

CARGO BOX LOAD CAPACITY: MAX 1000 Lb.

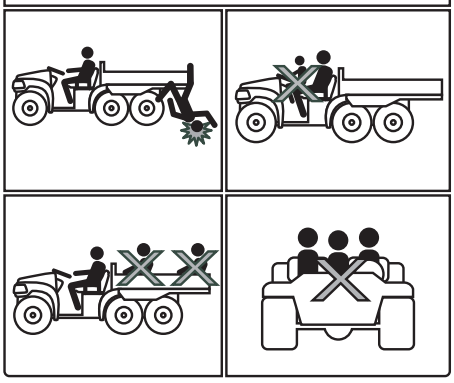
- Spread load evenly. Secure load to prevent movement.
- Go slow. Avoid sudden starts and stops which could cause load to shift.
- Do not load above height of this panel. Load could shift forward injuring driver or passenger.
- No riders in cargo box or anywhere other than seats.



WARNING

RIDERS CAN FALL OFF AND BE SERIOUSLY INJURED OR KILLED

- Only one person in each seat.
- No riders in the cargo box or anywhere other than seats.



WARNING

To Avoid An Accident And Injury

Do not use as a tow vehicle (i.e., trailer).

Spread load evenly. Never exceed 100 lb. tongue weight.

Go slow and use extra care when towing.

Allow for increased braking distance.

Do not tow heavy loads on slopes over a 5° incline.

WARNING

Hot Surface
Do Not Touch

S32241 AC

SECTION 2: KNOW YOUR UTILITY VEHICLE

NOTE: *Reference to right or left hand side of the utility vehicle is observed from the operating position.*

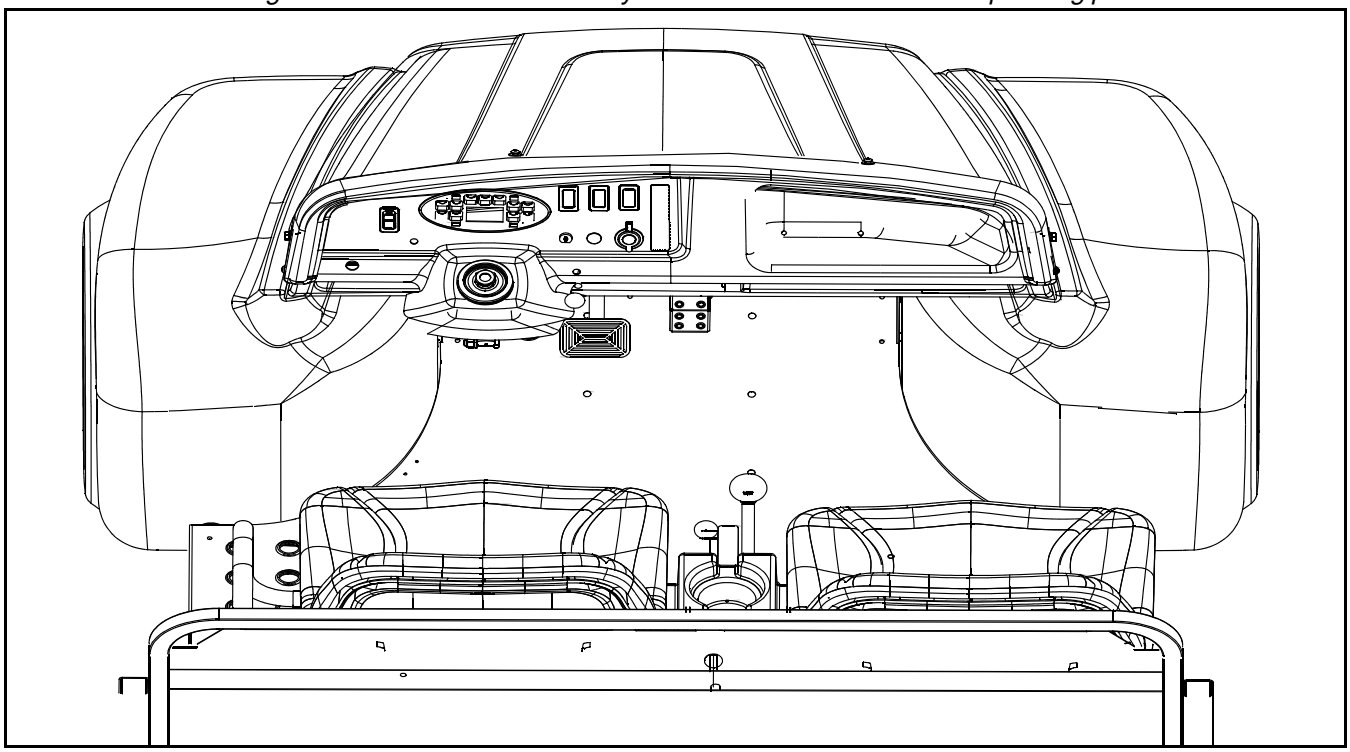


Figure 1

Read this operator's manual, safety labels, and operating instructions on the vehicle before operating. Compare the illustrations in this manual with your unit to familiarize yourself with the location of various controls and adjustments. Reference to the right or left hand side of unit is observed from the operating position. Save this manual for future reference. See Figure 1.

Read the Kohler Engine operator's manual before operating this vehicle to familiarize yourself with the engine controls and adjustments.

NOTE: ***Before operating your vehicle, follow the starting instructions in the Operating Section and check tire pressure per the recommendations in the Maintenance Section.***

Accelerator Pedal

The accelerator pedal is located on the right side of the floor beneath the dash panel. Depressing the accelerator pedal will move the vehicle in the direction selected on the gearshift. As the pedal is depressed, speed will increase to the maximum selected range. Releasing the pedal reduces the speed, but does not stop the vehicle. The brake must be applied to stop vehicle. See Figure 2.

Brake Pedal

The brake pedal is located on the left side of the floor beneath the dash panel. Remove foot from accelerator pedal and apply pressure to the brake pedal evenly until vehicle slows down and stops. See Figure 2.

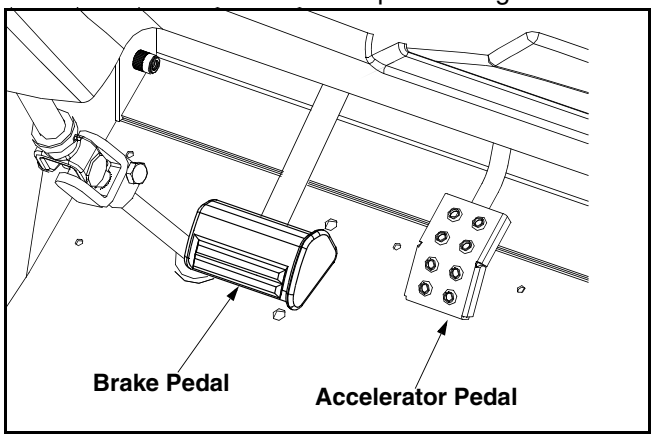


Figure 2

Parking Brake Latch

The parking brake latch is located on the dash panel to the right of the steering wheel. It holds the brake in the engaged position for parking. See Figure 3.

- To engage the parking brake, push brake pedal down **firmly**, pull out on the parking brake latch, and release foot from brake pedal. Brake pedal will stay down and parking brake light on dash will come on to indicate parking brake is engaged.
- To release parking brake, push down on brake pedal and parking brake latch will release.

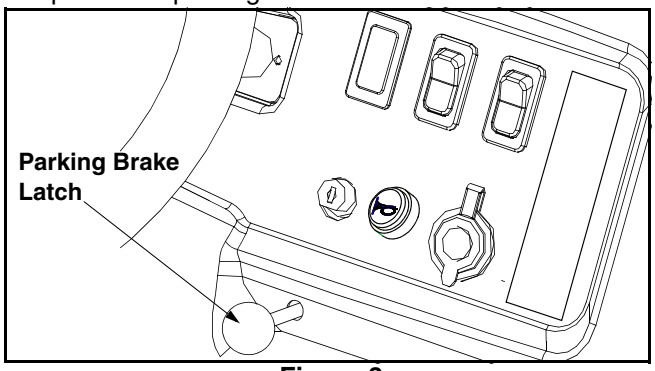


Figure 3

Ignition Switch

WARNING: Never leave a running machine unattended. Always set parking brake, stop engine and remove key to prevent unintended starting.

The ignition switch is located on the right side of the dash panel. To start the engine, insert the key into the ignition switch and turn clockwise to the **START** position. Release the key into the **On** position once engine has fired. See Figure 4.

NOTE: *The gearshift must be in the neutral position to start engine.*

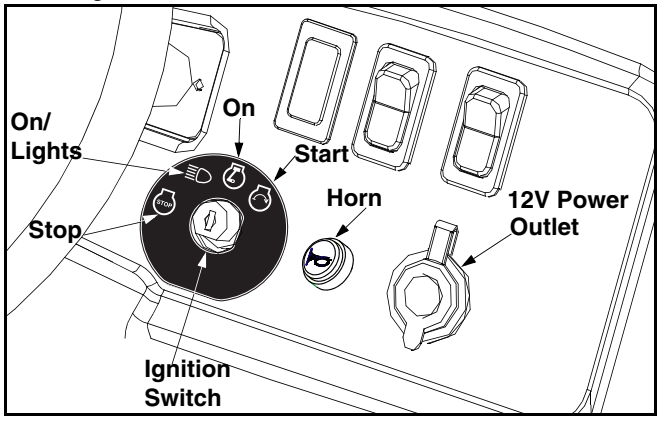


Figure 4

Refer to **Starting The Engine** in the Operation Section of this manual for detailed starting instructions.

The ignition switch is also used to operate the utility vehicle's headlights. Refer to **Operating The Headlights** on page 11 of this manual for detailed instructions.

Horn Switch

The horn switch is located on the right side of the dash panel. Push button to activate horn. See Figure 4.

12V Power Outlet

The 12V power outlet is located on the right side of the dash panel. It is used for the convenience of plugging in accessories that require a power source with a maximum load of 5 amps at 12 volts. See Figure 4.

Accessory Power Switch (If Equipped)

The accessory power switch is located on the right side of the dash panel. This switch, if equipped, turns power on or off for optional accessories. See Figure 5.

Cargo Box Electric Lift Switch

The cargo box electric lift switch is located on the right side of the dash panel. It activates lift to raise and lower cargo box. See Figure 5.

Rear Power Outlet Switch

The rear power outlet switch is located on the right side of the dash panel. It turns power on and off for the rear outlet, which is located on the rear right side of the unit and is used for the convenience of plugging in accessories. See Figure 5.

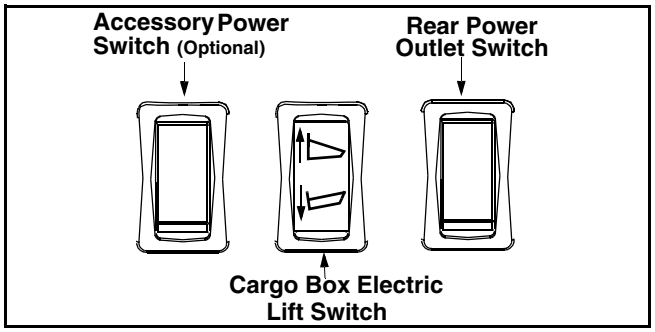


Figure 5

Warning Light Cluster

The warning light cluster is located in the middle of the dash panel. There are four warning lights: battery light, parking brake light, engine oil pressure light, and low fuel light. The parking brake light indicates when parking brake is engaged. The engine oil pressure light activates when engine has low oil pressure. The battery light will indicate that the battery is not charging. The low fuel light activates when fuel is low in tank. See Figure 6.

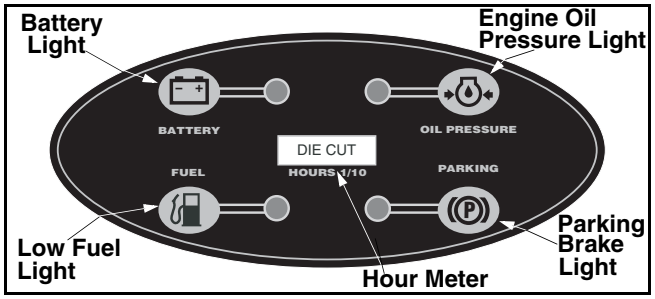


Figure 6

Hour Meter

The hour meter is located in the center of the warning light cluster. It reads the elapsed time engine has run. See Figure 6.

NOTE: *The hour meter initially displays the battery voltage when you first turn it on.*

Choke

The choke lever is located on the left side of the dash panel. The choke is used when starting a cold engine. It richens the fuel mixture for cold weather starting. See Figure 7.

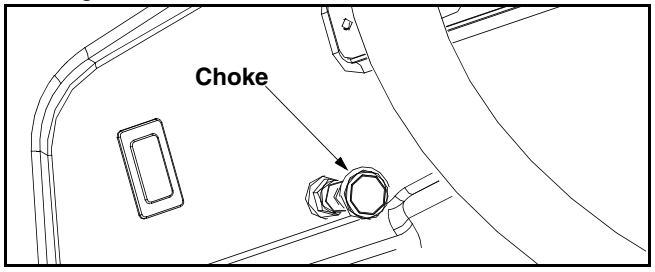


Figure 7

Cup Holders

The cup holders are located between the seats. They are designed for the use of non-alcoholic beverages.

WARNING: Never operate this vehicle while under the influence of alcohol or drugs. Doing so can result in serious personal injury or death.

Gearshift Lever

The gearshift is located between the seats. It has the larger ball knob and it controls neutral, forward, and reverse of the vehicle. See Figure 8 .

Differential Lock Lever

The differential lock lever is located between the seats. It has the smaller ball knob and its activates the differential locking mechanism. The differential lock is used to lock the differential so all four drive wheels will pull equally when rear wheels start to slip. See Figure 8.

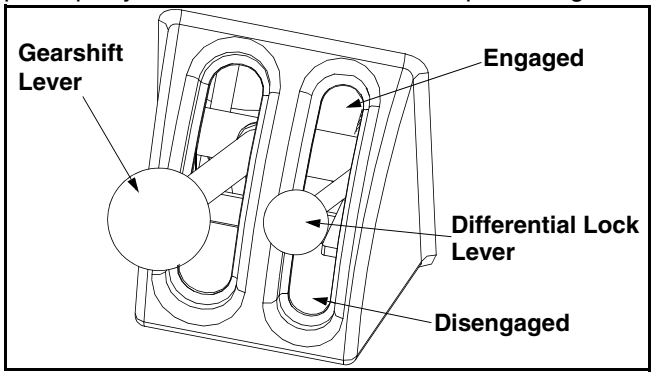


Figure 8

Fuel Shut Off Valve

The fuel shut off valve is located under the seat and it is strapped onto the fuel tank. It controls fuel to the engine. To turn fuel off, turn knob so indicator is down. To turn fuel on, turn knob to the up position. See Figure 9.

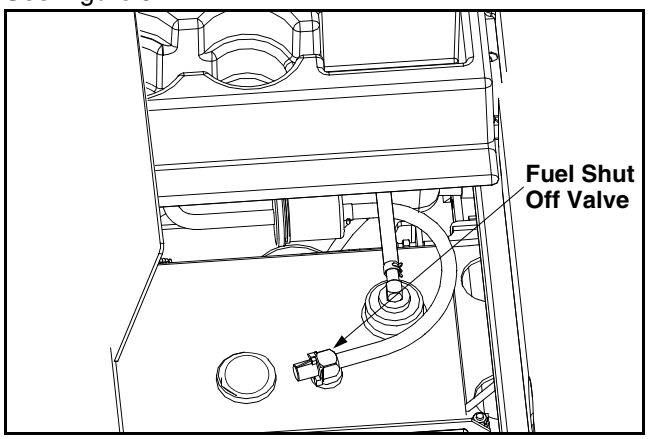


Figure 9

Adjustable Seat Lever

The adjustable seat lever is located beneath the driver's seat on the front side and it is used to move the seat forward and backward. See Figure 10.

- Slide the lever to the left and push the seat forward or back to the desired position.
- Release the lever so that it locks the seat in place.

WARNING: Make sure seat is in locked position prior to operation and do not try to adjust the seat position while operating the vehicle.

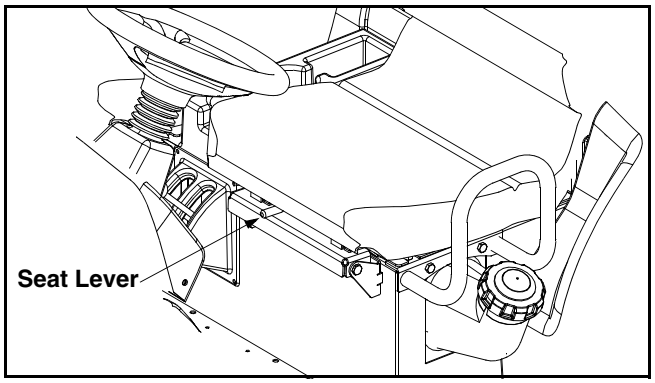


Figure 10

Cargo Box

The cargo box is raised with an electric lift. Manually remove the contents of the cargo box before lifting the cargo box. Press and hold the top of the electric lift button and the cargo box will lift up. Once the cargo box is in the raised position, the engine is accessible. The cargo box can also be raised to dump cargo. See Figure 11.

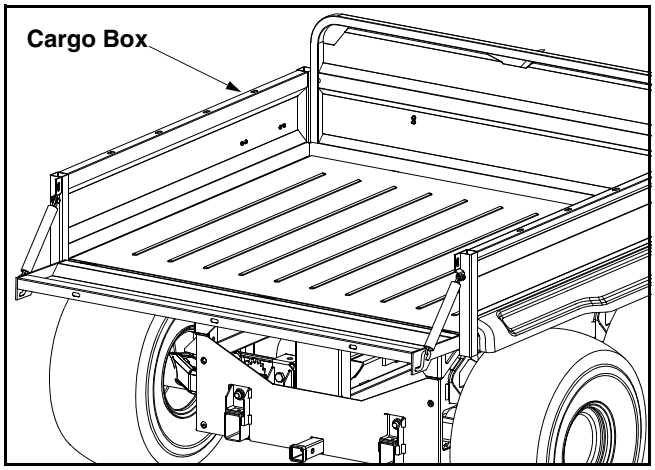


Figure 11

WARNING: Do not exceed 1,000 lb. in the cargo box.

Tailgate

The tailgate can be hinged at the top or the bottom depending on how you release the holding pins. If you pull out on the two top pins, the tailgate will swing down. If you pull out the two bottom pins, you can pivot the tailgate upwards.

SECTION 3: OPERATING YOUR UTILITY VEHICLE

WARNING: This is an off-road utility vehicle and it should not be operated on public highways. Know and comply with all laws and regulations governing the use of off-highway vehicles in your area.

IMPORTANT: Before starting the engine read this manual and the Kohler Engine manual thoroughly to understand all instructions.

WARNING: Do not run an engine in an enclosed area. Move the vehicle to an outside area before running the engine.

IMPORTANT: Tires are shipped over-inflated. Reduce inflation pressure in all tires to approximately 5 -6 psi.

Check Neutral Safety Switch

- Sit in the operator's seat and place key switch in STOP position.
- Lock parking brake and move gearshift lever to the forward position.
- Move key switch to START position. The engine should NOT crank.
- Turn key switch to STOP and move gearshift lever to the reverse position.
- Move key switch to START position. The engine should NOT crank.
- Turn key switch to STOP.
- Keep engine compartment clean and be sure fan or flywheel screens remains installed and clean.

Starting Engine

- Sit in the operator's seat and place key switch in STOP position.
- Move gearshift to the N (Neutral) position and lock parking brake.
- Pull out the choke knob if engine is cold.
- Turn key to the START position.
- Release key to the RUN position when engine starts.
- If engine does not start, wait a few seconds and repeat procedures.
- After engine starts, push in choke knob.

IMPORTANT:DO NOT run the starter continuously for more than 5 seconds, otherwise the battery may discharge quickly.

NOTE: ***If engine surges after starting while idling or driving at a low speed, apply choke as needed until engine has warmed up.***

IMPORTANT: Do not operate the engine under full load until engine has warmed up.

Stopping Engine

- To stop utility vehicle, release accelerator pedal and depress brake pedal until vehicle comes to a complete stop.
- Move gearshift lever to N (Neutral) position.
- Lock parking brake and turn key switch to STOP position.
- Remove the key when not in use.

Driving Utility Vehicle

- Make sure front wheels are turned to the desired direction.
- Depress brake pedal to release parking brake.
- To avoid damaging transmission, **depress brake pedal fully** and make sure vehicle is completely stopped before shifting into Forward or Reverse.

WARNING: Do not stop or start suddenly when going uphill or downhill. Be especially cautious when changing direction on slopes. Apply brakes when going down slopes to maintain control of vehicle.

- Release brake pedal and apply pressure to the accelerator pedal.
- Release accelerator and apply brake pedal evenly and firmly to slow down or stop.

Operating The Headlights

To turn the utility vehicle's headlights on:

- Start the engine following the instructions earlier in this section.
- Turn the key one notch counterclockwise into the On/Lights position of the ignition switch. Refer to Figure 4.

To turn the utility vehicle's headlights off:

- Turn the key either into the On position (to leave the engine running) or the Stop position (to shut the engine off). Refer to Figure 4.

NOTE: *Never move the key into the Start position while the engine is running. Doing so may cause damage to your engine's electric starter.*

Engaging Differential Lock

- Stop or slow vehicle speed and pull up on lever to lock differential. The differential will remain engaged as long as lever is held in the up position.

IMPORTANT: Engage the differential when the left and right side wheels are turning at slightly different speeds. Do not attempt to turn when differential lock is engaged.

WARNING: To avoid transaxle damage or injury, go slow when operating vehicle with differential lock engaged as steering response is noticeably reduced.

Disengaging Differential Lock

- To disengage the differential lock, simply release the lever, allowing it to return to the bottom position.

NOTE: Torque must be equal on both axles for differential lock to release. It is best to slow down and drive straight ahead at a constant speed when disengaging the differential.

Raising and Lowering Cargo Box

WARNING: To prevent the possibility of bodily injury from unintentional lowering of the cargo box, be sure vehicle is on a level and stable surface and parking brake is locked before raising cargo box.

- Park the vehicle safely and turn key to the RUN position.
- Raise cargo box by pressing and holding top of electric lift switch. Release switch when box is at desired dump height or when maximum height is reached.

NOTE: *A ratcheting noise will indicate cargo box is at full extension. The same noise will also be heard when cargo box is at the full down position. If lift capacity of the power lift is exceeded, a ratcheting will also be heard.*

- To lower cargo box, push on bottom of electric lift switch. Turn ignition switch to the STOP position.

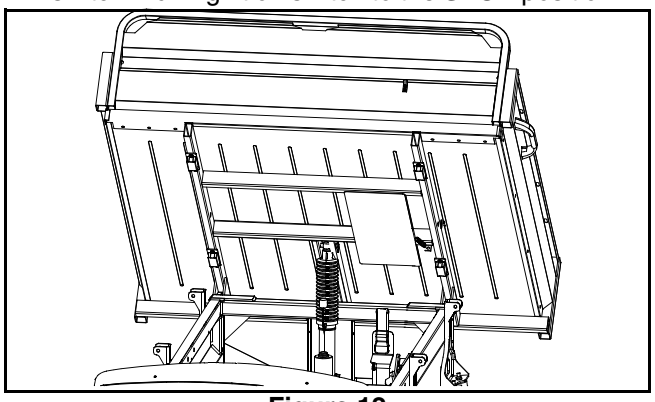


Figure 12

Dumping Load From Cargo Box

- Back up the vehicle to the dump site and apply parking brake.
- Unhook the tailgate from cargo box.
- Using the electric lift, raise cargo box to dump load and lower box when empty.

WARNING: The center of gravity changes as a loaded cargo box is raised. Do not allow rear wheel to hang over the edge of a loading dock or ravine. The cargo box weight may shift over center and vehicle could tip over backwards.

WARNING: A loaded cargo box can be very heavy. Do not attempt to dump a loaded cargo box unless vehicle is equipped with an electric lift option.

IMPORTANT: When dumping with the electric lift, stop immediately if actuator clutch slippage occurs. Lower cargo box completely and remove excess load by hand before dumping.

- Reconnect the tailgate to the cargo box. Do not drive the vehicle with cargo box in the raised position.

Loading the Cargo Box

WARNING: The utility vehicle may become unstable if the cargo box is loaded incorrectly. Avoid loose and shifting loads or uneven loading of material.

- Verify cargo box is latched before loading.
- Securely anchor all loads in cargo box and do not load beyond maximum capacity.
- The maximum box capacity is 1000 lbs.
- When loading objects into vehicle, be sure load is securely anchored and evenly distributed in cargo box.
- Do not load above height of cargo box front panel. Load could shift forward striking driver or passenger or cause driver to loose control of vehicle.
- Avoid loads which exceed physical dimensions of cargo box.
- Avoid concentrated loads at rear or side of cargo box. Be sure load is distributed evenly.
- Reduce load and ground speed when operating over rough or hilly terrain. DO NOT overload vehicle. Limit loads to those that can be safely controlled.

Towing Loads

WARNING: To help prevent personal injury due to loss of control or tipping, always tow a load slowly enough to maintain control.

- Never exceed 100lbs (45.5kg) tongue weight.
- Go slow when towing a heavy load. Allow for increased braking distance. Tow load at a speed slow enough to maintain control.
- Do not tow heavy loads on slopes over a 5° incline.

Transporting Vehicle

IMPORTANT: Never tow the vehicle. Transaxle damage will occur if vehicle is towed. Haul the vehicle on a heavy-duty trailer or on a full-size truck.

- Drive utility vehicle onto the trailer or truck and leave transaxle gearshift lever in forward or reverse.
- Apply parking brake and turn fuel shut-off valve to OFF position during transport.
- Fasten vehicle to trailer or truck with straps, chains, or cables.

SECTION 4: SERVICING YOUR UTILITY VEHICLE

Lubrication

Chain & Roller Lubrication

- In dusty or dry conditions use a dry lubrication.
- Lubrication with a good grade of petroleum oil. Lubrication between the chain links and the bushings.
- Clean chains with soft wire brush to remove dirt and then spray the chain and chain rollers with chain lube every 20 - 40 hours.
- Grease applied to the chain should be avoided.

Front Axle Lubrication

- Lubricate one grease fitting on each axle with 2 or 3 shots of grease every 50 hours.

Axle Shaft U-Joint

- Lubricate three grease fittings on each u-joint with 2 or 3 shots of grease every 100 hours.

Rear & Center Arms

- Lubricate the eight grease fittings on the rear and center arms every 50 hours.

Engine

Read the Kohler Engine operator's manual for any service or maintenance information pertaining to the engine.

Filling Fuel Tank

- Stop the vehicle on a level surface and apply parking brake.
- Turn the ignition key to the STOP position and remove the key.
- Allow engine to cool several minutes before you add fuel.
- Clean area around fuel cap and remove cap. See Figure 13.
- Fill tank with fresh, unleaded, regular grade fuel only to bottom of filler neck. Use a minimum of 87 octane.
- After refueling, make sure tank cap is closed securely.

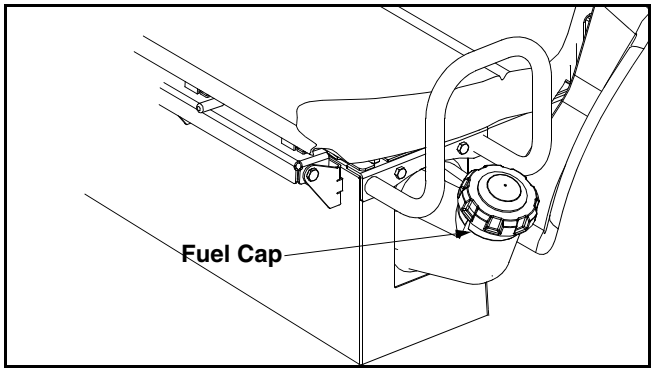


Figure 13

Battery

WARNING: The battery produces a flammable and explosive gas. Do not smoke near battery. Wear eye protection and gloves when handling the battery. Do not allow direct metal contact across battery posts.The battery is sealed and is maintenance-free. Acid levels cannot be checked and fluid can not be added.

IMPORTANT: If removing the battery for any reason, disconnect the NEGATIVE (Black) wire from it's terminal first, followed by the POSITIVE (Red) wire. When re-installing the battery, always connect the POSITIVE (Red) wire to its terminal first, followed by the NEGATIVE (Black) wire. Be certain that the wires are connected to the correct terminals; reversing them could change the polarity and cause damage to your engine's alternating system.

Clean Battery and Terminals

- Remove battery from vehicle. Always remove negative cable first when disconnecting.
- Wash battery with solution of four tablespoons of baking soda to one gallon of water.
- Rinse the battery with plain water and dry.
- Clean terminals and battery cable ends with wire brush until bright.
- Apply petroleum jelly or silicone spray to terminals to prevent corrosion.
- Install battery. Always install negative cable last when connecting.

Jumping a Battery

WARNING: Do not attempt to jump start a frozen battery. Warm to 60 degrees F (16 degrees C). Do not smoke near battery and wear eye protection and gloves when handling battery.

- Connect positive (+) jumper cable to booster battery positive (+) post (A). See Figure 14.
- Connect the other end of positive (+) jumper cable to the disabled vehicle battery positive (+) post (B).
- Connect negative (-) jumper cable to booster battery negative (-) post (C).
- Connect the other end (D) of negative (-) jumper cable to a metal part of the disabled machine frame away from battery.
- Start the engine of the disabled machine and run machine for several minutes.
- Carefully disconnect the jumper cables in the exact reverse order: negative cable first and then the positive cable.

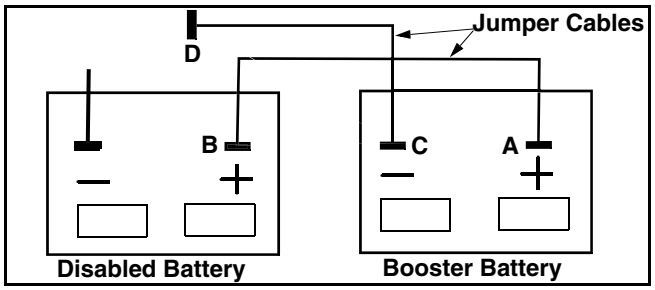


Figure 14

Charging

WARNING: Charge battery in a well ventilated area and keep away from an open flame or pilot light as on a water heater, space heater, furnace, clothes dryer or other gas appliances.

If the vehicle has not been put into use for an extended period of time, charge the battery with an automotive type 12-volt charger for a minimum of one hour at six amps.

Replacing Headlights

Headlights

The headlights are held in place by a rubber seal around the perimeter of the headlight which creates a snug fit onto the fender. See Figure 15.

- Remove the headlight by pulling it out of the fender.
- Disconnect headlight from wire connector.
- Reattach the wire connector to new headlight and push the headlight into opening in fender.

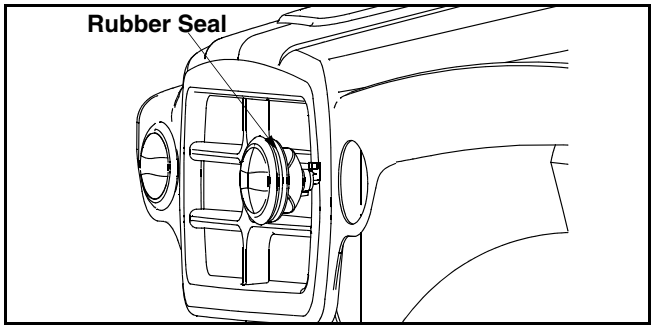


Figure 15

Replacing Warning Lights

- Remove rubber t-handles. Raise hood to get access to under the dash panel.
- Remove the appropriate bulb socket and replace bulb.
- Reattach socket and lower hood. Secure hood to fender.

Fuses

- Unlatch and lift hood forward to get access to under the dash panel.

- Remove the appropriate electrical fuse and replace with proper amperage fuse. (See schematic under hood)
- Reattach socket and lower hood. Secure hood to dash.

Tire Pressure

WARNING: Explosive separation of tire and rim parts is possible when they are serviced incorrectly. Do not stand in front or over tire assembly when inflating.

The recommended operating tire pressure is approximately 5-7 psi for all tires. Overinflating above recommended tire pressure can reduce the life of the tire. Check tire pressure before driving the vehicle.

NOTE: For high loads 8-10 psi is recommended for the center and rear tires. The recommended tire pressure while using the snow plow option is 8-12 psi in the front tires.

Wheel Replacement

WARNING: Using an unstable lifting device and vehicle support may result in bodily injury. Use a safe lifting device and supports to work on raised vehicle.

Rear Wheels

- Stop the vehicle on a level surface and apply parking brake.
- Turn the ignition key to the STOP position and remove the key.
- Loosen but do not remove the five wheel bolts from the axle hub. See Figure 16.

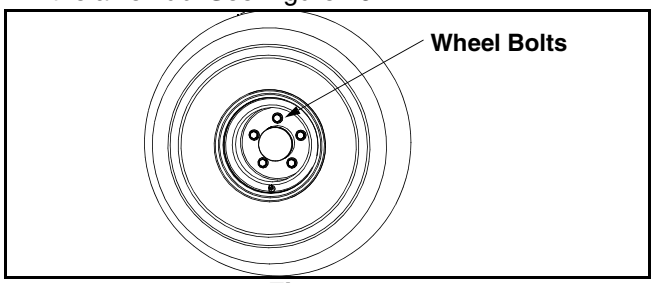


Figure 16

- Raise rear of vehicle with a safe lifting device and place support stands under vehicle.
- Remove the five wheel bolts and rear wheel. Place new wheel on the axle hub and secure with bolts.
- Tighten wheel bolts diagonally until snug.
- Remove support stands and lower vehicle.
- Finish tightening the bolts to 55-60 lb-ft using a torque wrench in a star pattern.

Front Wheels

- Stop the vehicle on a level surface and apply parking brake.
- Turn the ignition key to the STOP position and remove the key.
- Loosen 16 x 40 cap screw.
- Raise front of vehicle with a safe lifting device and place support stands under vehicle.
- Remove cap screw and front wheel. Place new wheel on front axle hub and secure with cap screw and loctite 242.
- Remove support stands and lower vehicle.
- Finish tightening the 16 x 40 screw to 80-85 lb-ft using a torque wrench.

IMPORTANT: Overtightening front wheel can result in bearing damage.

Drive Chain Tension

WARNING: Do not rely on a lifting device alone to support machine while servicing. Always use jack stands or wooden blocks to support vehicle while work is being performed with machine raised.

NOTE: *Drive chain is set taught at the factory, so it will not reach normal stretch limits until vehicle has experienced reasonable hours of operation (50 hrs).*

- Stop vehicle on level surface, but do not apply parking brake.
- Put transmission in neutral and differential in the disengaged position.
- Turn the ignition key to the STOP position and remove the key.
- Use a safe lifting device to raise all four rear wheels off ground and place jack stands or wooden blocks under vehicle.
- Raise and secure cargo box, if manual lift.
- Rotate wheels toward or away from each other and check to see if there is any slack in the chain. See Figure 17.
- If the chain adjusters are not keeping the chain tight, a1/2 link will need to be removed.
- If chain is still loose after the 1/2 link is already removed, the chain should be replaced using a 98 to 99 link chain. DO NOT USE a 97 link chain or less.
- If chain is still loose after installing a new 98 pitch chain, see your *Cub Cadet* dealer.

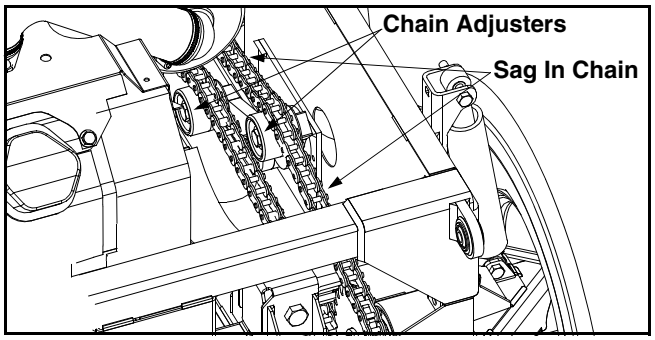


Figure 17

Checking Transaxle Oil

IMPORTANT: Hot hydraulic oil will expand and show incorrect oil level. Check oil level when oil is cold and with engine is not running.

- Park vehicle on level surface and apply parking brake.
- Allow transmission sufficient time to cool before attempting any maintenance or repairs.
- Raise and secure cargo box, if manual lift.

IMPORTANT: Dirt and debris in oil may cause damage to transaxle. Clean area around opening before removing dipstick.

- Remove dipstick located on the top of the transaxle housing and wipe dipstick clean. See Figure 18.
- Check oil level by screwing dipstick fully into transaxle case and then remove to check oil level.
- Add universal (Hydraulic) tractor transmission fluid as needed until oil level reaches the full mark on dipstick.
- Install and tighten dipstick.
- Lower cargo box.

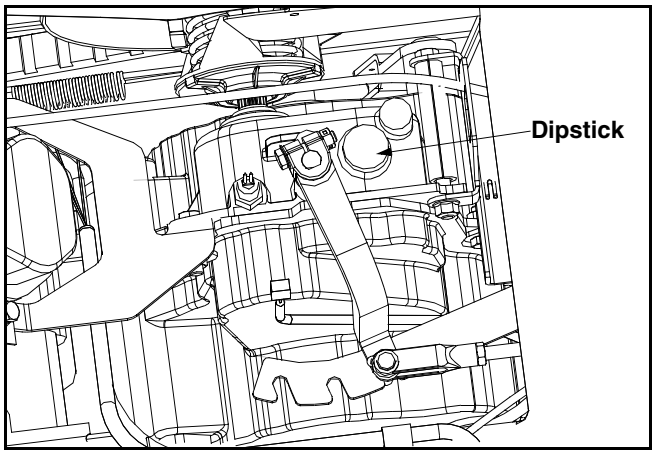


Figure 18

Changing Transaxle Oil

WARNING: The fluid for your transmission has been specially formulated to ensure the safe and proper operation of your vehicle. When changing the transmission fluid replace it with *Cub Cadet* Drive System Fluid Plus ONLY. Failure to use *Cub Cadet* Drive System Fluid Plus may result in a failure of the drive system which could result in property damage or personal injury. Do not substitute.

IMPORTANT: If brakes start to chatter or are noisy when applied, change transaxle oil before waiting until the service interval.

- Park vehicle on level surface and apply parking brake.
- Raise and secure cargo box, if manual lift.
- Access drain plug through slot on underside of machine and remove plug.
- Check O-ring on drain plug and replace if missing or in poor condition.
- Install and tighten drain plug.

IMPORTANT: Dirt and debris in oil may cause damage to transaxle. Clean area around opening before removing dipstick.

- Remove dipstick located on top of transaxle housing and wipe dipstick clean.
- Add approximately 189 oz (5.5 liters) of *Shell* TTF-SB Oil (*Cub Cadet* Part No. 737-3120 or 737-3121).
- Check oil level by screwing dipstick fully into transaxle and then remove to check level.
- Wait for two minutes and then check oil level again.
- Install dipstick and lower cargo box.

Drive Belt

WARNING: Fingers or loose clothing can get caught in rotating parts. Stop engine and wait for all moving parts to stop before servicing.

- Park vehicle on level surface and apply parking brake.
- Raise and secure cargo box, if manual lift.
- Rotate and inspect belt for wear or damage.
- Measure width of belt on top surface. The width should be a minimum of 1.1 (27 mm).
- Replace belt if worn beyond limit.

To replace belt:

- Remove hardware and belt shield. See Figure 19.

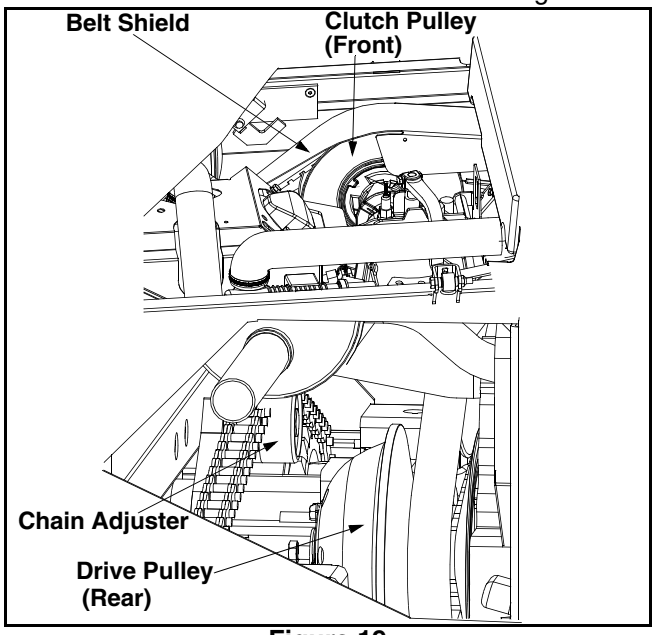


Figure 19

- Route belt over drive clutch pulley (front pulley).
- Route belt from drive pulley (rear pulley). See Figure 19.
- Install new belt by routing over drive pulley (rear pulley) and then over the drive clutch pulley (front pulley). Install belt shield.

Adjusting Brake

The wet brake system is an internal part of the transmission and it is adjusted externally without opening the transmission. There are two sets of brakes that may require adjustment. Each set consists of two rotating friction plates placed between three fixed steel plates operating in oil. Each set of brakes is operated by it's respective lever arm. The brakes are properly adjusted at the factory.

To adjust the brakes:

- Stop the vehicle on a level surface.
- Turn the ignition key to the STOP position and remove the key.
- Block the front wheels, position the shift lever into neutral, and make sure parking brake in not activated.
- Use a jack to raise the rear wheels at least one inch off the ground. Then use blocks or stands to support the machine.
- Disconnect brake arm return spring. See Figure 20.
- Loosen the front and rear jam nuts.

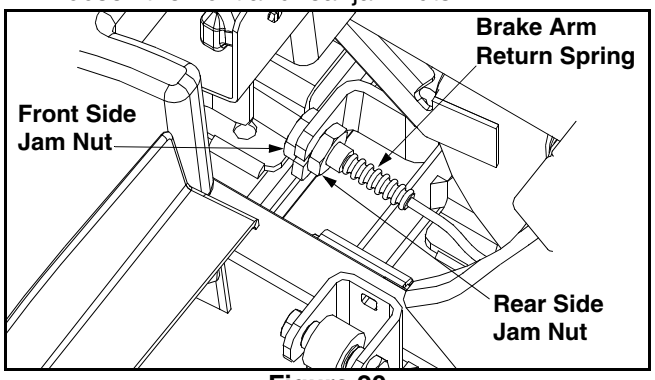


Figure 20

- Push the brake lever arm forward until the internal brake disc stop is detected.
- Run up the jam nut of the rear side until it touches and then back off one turn.
- Tighten the front side jam nut.
- Check the brake pedal by hand. It should have 3/4" free travel.
- Hook up the return spring.
- Rotate the rear wheels by hand with brake pedal released. The wheels should rotate freely.
- Cautiously complete the testing on level ground by operating the machine and applying brakes in a normal manner.
- Repeat the adjustment procedure if necessary.

Adjusting Throttle Pedal

The throttle pedal assembly can be adjusted for comfort slightly higher or lower by lining up the holes of the lower pedal assembly with either the upper two or lower two holes of the upper pedal assembly. See Figure 21.

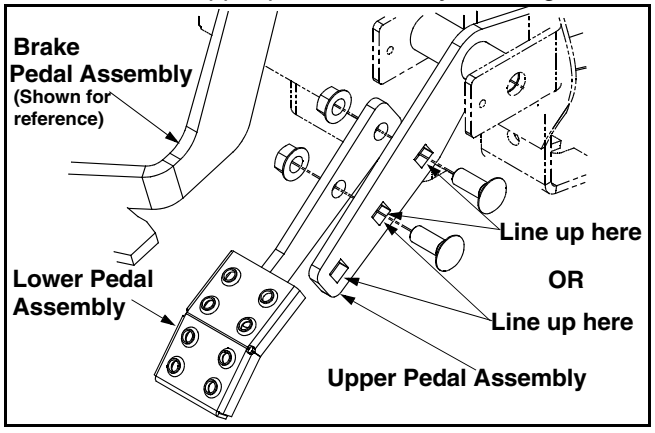


Figure 21

Cleaning

The body panels are scratch and impact resistant automotive quality ABS plastic. The use of standard car wash soap and non-abrasive car wax is acceptable for cleaning the body panels. Avoid any abrasive cleaner or rubbing compounds for these will damage the body panels. Dry thoroughly to avoid water spots.

WARNING: DO NOT use a pressure washer. Damage may occur if direct hose spray comes in contact with intake openings, or any other electrical components, i.e. at instrument cluster or under dash.

Storage

- Stop the vehicle on a level surface and apply parking brake.
- Allow vehicle to cool.
- Replace all worn, damaged, or missing parts and tighten loose hardware as needed.
- Wash the vehicle and clean inside the engine compartment and under the cargo box.
- Run engine for several minutes to dry belts, pulleys, and other moving parts.
- Clean and polish metal and plastic surfaces.
- Apply light coat of oil to pivot and wear points to prevent rust.
- Lubricate grease points.
- Replace fuel filter if needed. See engine manual.
- Change engine oil and filter. See engine manual.
- Drain all old fuel from tank.

Prepare fuel system for storage.

If planning to store vehicle with fuel tank empty:

- Add a small quantity of fresh stabilized fuel to tank. Run engine until it runs out of fuel. This will circulate fuel mixture through engine.

If planning to store vehicle with fuel in the tank:

- Fill tank completely with fresh stabilized fuel to prevent condensation build-up. Run engine for several minutes to circulate fuel mixture through engine.
- Turn the ignition key to the STOP position and remove the key.
- Remove and clean battery. See Battery in Service Section.
- Store battery in a cool, dry place. Fully charge battery periodically during storage to maintain its longevity.
- Support vehicle safely on blocks or stands to take weight off tires. Reduce 1/3 air from tires.
- Cover vehicle with waterproof cover if stored outside.

SECTION 5: SERVICE CHART

	Before Each Use	First 10 Hours	Every 50 Hours	Every 100 Hours	Every 500 Hrs or 2 years
Check Transaxle Oil		✓		✓	
Change Transaxle Oil			✓		
Tighten Wheel Bolts		✓			
Drive Chain Tension			✓		
Check Drive Belt		✓	✓		
Grease Front Steering Spindle			✓		
Grease Axle Shaft U-Joints				✓	
Grease Rear & Center Arms			✓		
Grease Chain & Rollers			✓		
Check Interlock Switch System	✓				
Replace Interlock Switch					✓

SECTION 6: SPECIFICATIONS

Engine and Electrical	
Make	Kohler Command V-Twin OHV
HP	20 HP
Type	4-Cycle Gas
Cylinders	2
Valves	Overhead
Displacement	38 cu. in. (624cc)
Maximum Torque	32.6 lb-ft @ 2600 rpm
Ignition	Transistor Controlled
Lubrication	Full Pressure w/ Oil Filter
Oil Filter	Replaceable (standard)
RPM, idle (no load)	1300 ± 150
RPM, fast (no load)	3,950 - 4000
Cooling System	Air
Air Cleaner	Heavy Duty, Replaceable, Dual Element
Battery	30-amp/hr, 365 cold cranking amps
Alternator	12V-65 amp. Regulated
Headlights	Two 37.5-watt Halogen
Wiring	Automotive Style Fused Control System

Dimensions	
Overall Length	115.4”
Overall Width	65.75”
Front-Tread Centers	50.0”
Rear-Tread Centers	52.0”
Overall Height	41”
Wheel Base	84.75”
Weight (including fuel/fluids)	1,552 lb.
Ground Clearance	
Under Transaxle	6.4”
Under Foot Platform	7.5”
Seating Capacity	2 persons
Seat Type	High Back
Turn Clearance Circle	22.2 ft.
Payload Capacity*	1,600 lb.

*Includes 200 pound operator, 200 pound passenger, and maximum bed capacity

Fuel System	
Capacity	5.7 U.S. gal.
Low Fuel Indicator	Dash Indicator Light

Cargo Box	
Material	14-Gauge Steel
Attachment	Rubber Isolated
Capacity	
Volume	13.4 cu. ft.
Weight	1,200 lb.

Steering	Rack & Pinion w/ Ackerman-Type Geometry
Suspension	6 Wheel Fully Independent w/ Coil Over Shocks
Brakes	Wet Disk in Transaxle
Parking Brake	Foot Operated

Transmission	
Type	Continuously Variable (CVT)
Lubricant	*Shell* TTF-SB Oil
Capacity	189 oz (5.5 liters)
Differential Lock	Standard, Hand Operated
Drive Chain	No. 60 Industrial Roller Chain
Ground Speed	0-19 mph
Transaxle	Fully enclosed, Oil Bath
Gear Selection	Forward, Neutral, Reverse
Rear Axle Housing	Welded Steel

SECTION 7: TROUBLESHOOTING

Trouble	Possible Cause(s)
Engine will not start	Battery has low voltage. Loose or corroded battery connections. Fusible link is melted. Spark plug wire is loose or disconnected. Faulty spark plug or coil. Fuel shut-off valve turned off. No Fuel or improper fuel. Plugged fuel filter. Defective starter solenoid. Open-circuit in wiring.
Engine is hard to start	Engine is cold. Plugged fuel filter. Carburetor not adjusted properly or dirty. Engine oil viscosity too heavy. Spark plug is fouled. Faulty spark plug or wire. Loose or corroded electrical connections. Stale or improper fuel. Choke not being used or adjusted incorrectly.
Engine misses under load	Faulty spark plug. Stale or dirty fuel. Plugged fuel filter. Faulty coil or wire.
Engine vapor locks	Poor quality fuel or methanol. Very hot weather conditions. Fuel tank vent plugged. Dirt in fuel filter.
Engine runs unevenly	Loose electrical connections. Choke or throttle cable sticking. Fuel line or fuel filter plugged. Stale or dirty fuel. Improper fuel. Air cleaner element plugged. Carburetor not adjusted correctly. Spark plug is fouled.
Engine overheats	Air cleaner element missing or plugged. Carburetor air intake tube plugged. Engine oil low. Engine operated too long at slow engine speed.

Trouble	Possible Cause(s)
Engine loses power	Engine overheating Too much oil in engine Faulty spark plug Fuel supply being restricted Fuel filter plugged Fuel line pinched or kinked Fuel pump output not adjusted to specification. Improper fuel Air cleaner element plugged
Engine knocks	Low engine speed. Stale or low octane fuel. Engine overloaded.
Drive chain jumps change tooth; repeated popping noise	Insufficient Chain Tension (Too Loose) Remove 1/2 link; if still loose, check for suspension damage. Contact authorized service dealer.
Starter does not work	Loose or corroded connections. Low battery output Sulfate or worn-out battery. Faulty starter.
Starter crank slowly	Low battery output. Sulfated or worn-out battery. Engine oil too heavy. Loose or corroded connections.
Entire electrical system does not work	Blown fuse. Loose or corroded connections. Sulfated or worn-out battery.
Dead Battery	Shorted starter solenoid. Key switch not turned to STOP position. Sulfated or worn-out battery.
Battery light comes on when engine is running	Low engine speed. Faulty voltage regulator. Faulty battery. Faulty alternator Grounded wire in circuit.
Indicator lights do not come on when key switch is in START position	Faulty bulb. Faulty wiring. Faulty sensor.
Battery will not take a charge	Dead battery. Loose or corroded connections. Sulfated or worn-out battery. Fluid level low.

NOTE: *For repairs beyond minor adjustments or corrections, contact your nearest Cub Cadet service dealer or call* **1-877-282-8684.**

NOTES

NOTES

NOTES

CUB CADET CORPORATION
MANUFACTURER'S ONE YEAR LIMITED WARRANTY
(COMMERCIAL USE)

The limited warranty set forth below is given by CUB CADET LLC ("CUB CADET") with respect to new merchandise purchased and used in the United States, its possessions and territories.

CUB CADET warrants this product against defects in material and workmanship for a period of **one** (**1**) year for commercial users, commencing on the date of original purchase and will, at its option, repair or replace, free of charge, any part found to be defective in material or workmanship. This limited warranty shall only apply if this product has been operated and maintained in accordance with the Operator's Manual furnished with the product, and has not been subject to misuse, abuse, neglect, accident, improper maintenance, alteration, vandalism, theft, fire, water or damage because of other peril or natural disaster. Damage resulting from the installation or use of any part, accessory or attachment not approved by Cub Cadet for use with the product(s) covered by this manual will void your warranty as to any resulting damage.

Batteries and belts are subject to separate terms as follows:

a. Batteries have a one-year prorated limited warranty with 100% replacement during the first three months. After three months, the battery replacement credit is based on the months remaining in the twelve (12) month period dating back to the original date of sale. Any replacement battery will be warranted only for the remainder of the original warranty period.

b. All belts are covered by a one (1) year limited warranty against defects in material and workmanship.

HOW TO OBTAIN SERVICE: Warranty service is available, WITH PROOF OF PURCHASE, THROUGH YOUR LOCAL AUTHORIZED CUB CADET DEALER. To locate the dealer in your area, please check for a listing in the Yellow Pages or contact Cub Cadet LLC at P.O. Box 361131, Cleveland, Ohio 44136-0019, or call 1-877-282-8684, or log on to our Web site at www.cubcadet.com.

This limited warranty does not provide coverage in the following cases:

a. The engine or component parts thereof. These items may carry a separate manufacturer's warranty. Refer to applicable manufacturer's warranty for terms and conditions.

b. Routine maintenance items such as lubricants, filters, tune-ups, or adjustments such as brake adjustments, or clutch adjustments; and normal deterioration of the exterior finish due to use or exposure.

c. Normal wear parts or components, including batteries, belts, seats and tires.

d. CUB CADET does not extend any warranty for products sold or exported outside of the United States of America, its possessions and territories, except those sold through CUB CADET'S authorized channels of export distribution.

e. Replacement parts that are not genuine Cub Cadet parts.

f. Service completed by someone other than an authorized service dealer.

No implied warranty, including any implied warranty of merchantability or fitness for a particular purpose, applies after the applicable period of express written warranty above. No other express warranty or guaranty, whether written or oral, except as mentioned above, given by any person or entity, including the dealer, with respect to any product shall bind CUB CADET. During the period of the Warranty, the exclusive remedy is repair or replacement of the product as set forth above. (Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.)

The provisions as set forth in this Warranty provide the sole and exclusive remedy arising from the sale. CUB CADET shall not be liable for incidental or consequential loss or damages including, without limitation, to any claim for loss of profits, loss of savings or revenue, loss of the use of the equipment or any associated equipment, facilities or service, downtime, the claims or costs of third parties including customers, and injury to property, and further including expenses incurred for substitute or replacement lawn care services, for transportation or for related expenses, or for rental expenses to temporarily replace a warranted product. (Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.)

In no event shall recovery of any kind be greater than the amount of the purchase price of the product sold. Alteration of the safety features of the product shall void this Warranty. You assume the risk and liability for loss, damage, or injury to you and your property and/or to others and their property arising out of the use or misuse or inability to use the product.

This limited warranty shall not extend to anyone other than the original purchaser or original lessee.

How State Law Relates to this Warranty: This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

IMPORTANT: Owner must present Original Proof of Purchase to obtain warranty coverage.

MANUFACTURER'S LIMITED WARRANTY FOR:

(RESIDENTIAL USE)

The limited warranty set forth below is given by Cub Cadet LLC with respect to new merchandise purchased and used in the United States, its possessions and territories.

"Cub Cadet" warrants this product against defects in material and workmanship for a period of two (2) years commencing on the date of original purchase and will, at its option, repair or replace, free of charge, any part found to be defective in materials or workmanship. This limited warranty shall only apply if this product has been operated and maintained in accordance with the Operator's Manual furnished with the product, and has not been subject to misuse, abuse, commercial use, neglect, accident, improper maintenance, alteration, vandalism, theft, fire, water, or damage because of other peril or natural disaster. Damage resulting from the installation or use of any part, accessory or attachment not approved by Cub Cadet for use with the product(s) covered by this manual will void your warranty as to any resulting damage.

Normal wear parts are warranted to be free from defects in material and workmanship for a period of thirty (30) days from the date of purchase. Normal wear parts include, but not limited to items such as: batteries, belts, blades, blade adapters, grass bags, rider deck wheels, seats, snow thrower skid shoes, shave plates, auger spiral rubber and tires.

HOW TO OBTAIN SERVICE: Warranty service is available, WITH PROOF OF PURCHASE, through your local authorized service dealer. To locate the dealer in your area, check your Yellow Pages, or contact Cub Cadet LLC at P.O. Box 361131, Cleveland, Ohio 44136-0019, or call 1-877-282-8684, or log on to our Web site at www.cubcadet.com.

This limited warranty does not provide coverage in the following cases:

a. The engine or component parts thereof. These items may carry a separate manufacturer's warranty. Refer to applicable manufacturer's warranty for terms and conditions.
b. Log splitter pumps, valves, and cylinders have a sepa rate one year warranty.
c. Routine maintenance items such as lubricants, filters, blade sharpening, tune-ups, brake adjustments, clutch adjustments, deck adjustments, and normal deterioration of the exterior finish due to use or exposure.
d. Cub Cadet does not extend any warranty for products sold or exported outside of the United States, its possessions and territories, except those sold through Cub Cadet's authorized channels of export distribution.
e. Replacement parts that are not genuine Cub Cadet parts.
f. Service completed by someone other than an authorized service dealer.
g. Transportation charges and service calls.

No implied warranty, including any implied warranty of merchantability of fitness for a particular purpose, applies after the applicable period of express written warranty above as to the parts as identified. No other express warranty, whether written or oral, except as mentioned above, given by any person or entity, including a dealer or retailer, with respect to any product, shall bind Cub Cadet. During the period of the warranty, the exclusive remedy is repair or replacement of the product as set forth above.

The provisions as set forth in this warranty provide the sole and exclusive remedy arising from the sale. Cub Cadet shall not be liable for incidental or consequential loss or damage including, without limitation, expenses incurred for substitute or replacement lawn care services or for rental expenses to temporarily replace a warranted product.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

In no event shall recovery of any kind be greater than the amount of the purchase price of the product sold. **Alteration of safety features of the product shall void this warranty.** You assume the risk and liability for loss, damage, or injury to you and your property and/or to others and their property arising out of the misuse or inability to use the product.

This limited warranty shall not extend to anyone other than the original purchaser or to the person for whom it was purchased as a gift.

HOW STATE LAW RELATES TO THIS WARRANTY: This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

IMPORTANT: Owner must present Original Proof of Purchase to obtain warranty coverage.